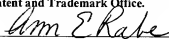


CERTIFICATION OF SUBMISSION

I hereby certify that, on the date shown below, this correspondence is being transmitted via the Patent Electronic Filing System (EFS) addressed to Examiner Young J. Kim at the U.S. Patent and Trademark Office.

Date: July 30, 2007



Ann E. Rabe, Reg. No. 56,697

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Rui Sousa  
Serial No.: 10/689,495  
Filed: October 20, 2003  
Title: *Methods for Using Double-Mutant RNA Polymerases with Reduced Discrimination Between Non-Canonical and Canonical Nucleoside Triphosphates*  
Art Unit: 1637  
Examiner: Young J. Kim  
Docket No.: 310307.90240  
Confirm. No.: 4308

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RESPONSE TO FINAL OFFICE ACTION

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-145

Dear Sir:

In response to the May 30, 2007 Office Action, please amend the above- identified application as follows:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 10 of this paper.